

MELAMINE RESIN DECORATIVE SHEET HAVING ANTIFUNGAL PROPERTIES

Patent number: JP10119221
Publication date: 1998-05-12
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Classification:
- international: B32B27/42; B32B27/00; B32B27/18
- european:
Application number: JP19960273831 19961016
Priority number(s):

Abstract of JP10119221

PROBLEM TO BE SOLVED: To provide superior antifungal properties and mildewproofing properties while maintaining superior surface hardness, heat resistance and light resistance and maintain the continuity of effectiveness thereof by containing a liquid peroxide in at least a surface layer.

SOLUTION: A melamine resin decorative sheet contains a liquid peroxide acting as an anti-fungus agent in at least a surface layer thereof. Normally, since the surface layer is a melamine resin impregnated decorative layer, it is good enough if the liquid peroxide is formulated into only the resin in this decorative layer. In a case where there is an overlay paper, the liquid peroxide is formulated into only this layer or both this layer and the resin in the decorative layer. The liquid peroxide is added and melted into a melamine resin varnish obtained in a normal fashion. 0.1 to 0.8 parts by weight of the liquid peroxide is added into 100 parts by weight of melamine resin. Even with the added amount of less than 0.1 parts by weight of the liquid peroxide, the antifungal properties can be exhibited but the effectiveness thereof is small, and it is difficult to control it. With an added volume exceeding 0.8 parts by weight, the gel time of the varnish becomes short, and it is difficult to obtain stable coating and impregnation, thereby making it impossible to obtain a normal coated and impregnated paper.

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(19) 日本国特許庁 (J P)

(12) 公開特許公報 (A)

(11) 特許出願公開番号

特開平10-119221

(43) 公開日 平成10年(1998) 5月12日

(51) Int.Cl.⁸

識別記号

F I

B 3 2 B 27/42

B 3 2 B 27/42

27/00

27/00

E

27/18

27/18

F

審査請求 未請求 請求項の数 2 O L (全 3 頁)

(21) 出願番号

特願平8-273831

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(22) 出願日

平成 8 年 (1996) 10 月 16 日

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(54) 【発明の名称】 抗菌性メラミン樹脂化粧板

(57) 【要約】

【課題】 良好な抗菌効果を有する抗菌性メラミン樹脂化粧板を提供する。

【解決手段】 少なくとも表面層に抗菌成分として液状の過酸化物を含有することを特徴とする抗菌性メラミン樹脂化粧板であり、過酸化物はメラミン樹脂に対して、0.1～1.0重量部含有することが好ましい。